HOME

MEDICAL IMAGING

CSO Customer Support Operations

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ADC System Components

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Please file this document in section 13 of your technical documentation.

Problems with VIPS 1.1.05

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AGFA

1 Annotations

The annotation problem of former versions is still not solved. Several annotation problems were reported from the field (see also item 3.4).
Workaround: Reboot of the Processing Station.

2 Full Leg / Full Spine Option

2.1 Print/Sent Flag

Print/Sent Flag for Full Leg/Full Spine images is not set.

2.2 Grid Measurement

Grid measurement is may not correct for HiRes images. The measurement then shows 25mm between the grids although the actual grid is 50mm.

3 Printing to Non AGFA DICOM Printers

Information on printing is updated regularly on AGFA Connectivity webpage. If you don't have access please contact:
Eddy Crits / Mortsel email: Eduard Crits/TB-Med/Agfa-NV/BE/BAYER
Tel: +323 444 8202

3.1 List of released printers for VIPS.1.1.05

The following table shows a list of the tested and officially released printers for which VIPS.1.1.05 provides a printer definition file.

Former lists are wrong and should not be used.

Printer	MG3 layout support	CCM code	Filmsizes
3M - Imation 8100	N	3M 8100	14 X 17 IN
3M - Imation 8300	N	3M 8300	8 X 10 IN
3M - Imation 8500	N	3M 8500	11 X 14 IN
3M - Imation 8600	N	3M 8600	8 X 10 IN
3M - Imation 8700	N	3M 8700	14 X 17 IN
Agfa DI2000	Y	DI2000	8 X 10 IN
Agfa DI3000 (11 x 14 film)	Y	DI3000_1114	11 X 14 IN
Agfa DI3000 (14 x 14 film)	Y	DI3000_1414	14 X 14 IN
Agfa DI3000 (14 x 17 film)	Y	DI3000_1417	14 X 17 IN
Agfa DI4500	N	DI4500	10 X 12 IN 8 X 10 IN
Agfa DI4500 (low resolution)	N	DI4500lr	10 X 12 IN 8 X 10 IN
Agfa LR3300	Y	LR3300	14 X 17 IN 11 X 14 IN 8 X 10 IN
Agfa LR5200	Y	LR5200	14 X 17 IN 11 X 14 IN 8 X 10 IN
Agfa LR5200 High Res.	Y	LR5200HR	14 X 17 IN 11 X 14 IN 8 X 10 IN

Printer	MG3 layout support	CCM code	Filmsizes
KODAK KELP2180 with MIM DPS controller	N	KOD_KELP2180_DPS	14 X 17 IN 14 X 14 IN 11 X 14 IN 8 X 10 IN
KODAK KELP2180 with with 'dicom print spooler model 100', 'Printer interface unit' or the 'DICOM print server' controllers	N	KOD_KELP2180_PIU	14 X 17 IN 14 X 14 IN 11 X 14 IN 8 X 10 IN
Kodak MLP-190	N	KOD_MLP190	14 X 17 IN

3.2 List of Printers with existing Printer File, but not tested for VIPS 1.1.05

These printers haven't been approved practically. Therefore, there may be problems in connecting the printers (e.g. inverted polarity, true size is not really true size, etc). Before you connect such a printer contact your GSC for up-to-date connectivity information and release status.

Printer	MG3 layout support	CCM code	Filmsizes
3M - Imation HQ969	N	3M_HQ969	14 X 17 IN 11 X 14 IN 8 X 10 IN
Codonics NP1660	N	COD_EP1660	8.5 X 11 IN 8.5 X 9 IN 8.5 X 11.5 IN 9 X 11.5 IN
Codonics NP1600	N	COD_EP1600	8.5 X 11 IN 8.5 X 9 IN 8.5 X 11.5 IN 9 X 11.5 IN
FUJI FL-IMD [1]	N	FUJ_FL-IMD	14 X 17 IN 14 X 14 IN 11 X 14 IN
FUJI IM2636 [1]	N	FUJ_IM2636	11 X 14 IN
FUJI IM3543 [1]	N	FUJ_IM3543	14 X 17 IN
FUJI FM-DPL [1]	N	FUJ_FM-DPL	14 X 17 IN 14 X 14 IN 11 X 14 IN
FUJI CR-DP	N	FUJ_CR-DP	14 X 17 IN 14 X 14 IN
Kodak KELP100 XLP	N	KOD_KELP100XLP	14 X 17 IN 14 X 14 IN 11 X 14 IN
KODAK KELP1120 with MIM DPS controller	N	KOD_KELP1120_DPS	14 X 17 IN 14 X 14 IN 11 X 14 IN 8 X 10 IN
KODAK KELP1120 with 'dicom print spooler model 100', 'Printer interface unit' or the 'DICOM print server' controllers	N	KOD_KELP1120_PIU	14 X 17 IN 14 X 14 IN 11 X 14 IN 8 X 10 IN
KODAK XLT7720	N	KOD_XLT7720	11 X 11 IN A size
Konica 10x12	N	KON_10X12	10 X 12 IN
Konica 11x14	N	KON_11X14	11 X 14 IN
Konica 14x17	N	KON_14X17	14 X 17 IN

Printer	MG3 layout support	CCM code	Filmsizes
Konica 8x10	N	KON_8X10	8 X 10 IN
Konica LI10/LI21	N	KON_LI20	14 X 17 IN 14 X 14 IN 11 X 14 IN 10 X 12 IN 8 X 10 IN
Konica DRYPRO 722	N	KON_722	14 X 17 IN 14 X 14 IN 11 X 14 IN 10 X 12 IN 8 X 10 IN
Sterling DI400 [2]	N	STE_DI400	14 X 17 IN
Sterling LP400 [2]	N	STE_LP400	14 X 17 IN 11 X 14 IN 8 X 10 IN
Sterling SIJ100 [2]	N	STE_SIJ100	14 X 17 IN 8 X 10 IN
Sterling SIJ400 [2]	N	STE_SIJ400	14 X 17 IN 8 X 10 IN

[1] These printers are released for GEPS.1.1.06 (current version for GE Processing Station). If such a printer is supposed to be connected to VIPS 1.1.05, please contact your GSC.

[2] These printers are currently under test in AGFA. A release is expected soon. If these printers are nevertheless connected to ADC, please note the restrictions described in point 3.3.

3.3 Printing to Sterling Printer LP400 (now AGFA LP400)

List of restrictions:

1. Printing only by means of SmartPrint variable layouts --> This requires a license. This is due to bug in the software which does not allow to use the layouts provided by the standard print browser. As soon as this bug is fixed the SmartPrint option is not necessary anymore to print to Sterling LP400.

2. 8"x10" and 14"x17" always must be printed in portrat and 11"x14" always in landscape as LP400 is not able to rotate images coming from VIPS due to fact that only 4 Mb are avaialable to rotate images. However, the SmartPrint function allows to rotate the image in the print borwser already.

3. Autorouted printing works only if Hardcopy is defined for the online channel in cpf-file. However only layouts which are in portrat for 8"x10" and 14"x17" and in landscape for 11"x14" must be used. Here the algorithm to convert mg3-layouts to non-mg3-layouts works.

4. The default printer file on VIPS1105 is ok and needs not to be modified to get LP400 working.

3.4 Textfield on Hardcopy printed by Non AGFA DICOM Printers

For including the textboxes on the hardcopy the same program as for annotations is used. If this program fails for some reason, there will be no textboxes on the Hardcopy.
Workaround: Reboot the Processing Station.

For AGFA printers LR3300/5200 Drystar 2000/3000 this applies as well if Smart Print is used for printing.
For the standard layouts on AGFA printers the textbox is printed.

see also point 1.

3.5 Printing to Sterling Printers connected via Sterling DPS

Every sent print results in a DICOM error message. However, the image is printed and the error message can be neglected. This is due to the fact that VIPS does not terminate the DICOM connection to DPS correctly.
The error message can be suppressed by increasing the "message level" in the system monitoring.

3.6 Printing to Sterling Printer Solid Inkjet 400/100

Printing on paper format A4 and A does not work as this is an illegal format for VIPS 1.1.05.
Workaround: Send the hardcopy to a LINX instead of a DPS. The LINX has to be configured not to use the media type definition coming from the VIPS, but to use the one which is set in the LINX (which has to be A4). For this entry just use a valid film size . LINX will overrule and set A4 instead. However, you have to configure this as a separate printer in the cpf-file of the VIPS.

3.7 Printing in the "Open" mode to Non-AGFA-DICOM Printers

Printing in the "Open" mode to Non-AGFA-DICOM Printers is not possible. You have to use the Print Composer from the UI.

3.8 Printing to 3M- Imation 8700 Printers

Symptom: Images printed from VIPS1105 on Imation 8700 dry laser (Kodak), via Imation Pacs link 9410 aquisition station, may be inverted.

Reason: The printer text file in VIPS1105 (home/mimosa/irc/local/ Hardcopy/printers/3M_8700.txt) contains the value:
CONFIGURATION_INFO CS000

Solution: Correct the value to CS002; See example:
CONFIGURATION_INFO CS002 # CS002 is LINEAR

For modification of the file, the vi-editor or any editor else can be used; the file might be copied to a floppy and edited on a PC as well. (Don´t forget giving it the correct permissions: chmod 664 3M_8700.txt)
See also on Diginet:
Processing-Station/Bulletin/Connectivity to non Agfa Dicom printers the document000422.pdf

4 Collimation Problem

Opening an image with three collimated areas results in a crash of the UI. The image cannot be opened any more.
The problem is not always obvious, since the actual amount of collimated areas is not necessarily visible in the UI. The actual amount of regions of interest has to be checked in :

```
Terminal
        IRC_header
                G0/G1 directory
```

Workaround: Delete manually the .MSK and .HIS file for the concerned image(s) from the G0 or G1 directory. Then it should be possible to open the image again.

5 Transmission Problems

Intermittently it happens that images do not arrive in the user interface of the VIPS. The images are marked in the digitizer as “transmitting” (in the queue with “T”).
Although it appears like a transmission problem the actual reason for this problem is a crashing collimation software. If the collimation crashes (which is part of the online processing) no feedback is given to the DICOM-input process which in turn does not return a message to the digitizer. As the digitizer does not have a transmission timeout the DICOM port stays open for ever.
The problem was reported up to now from three sites. It only happened with images which had more ROIs.
Workaround: The only workaround at the moment is to downgrade to VIPS.1.0.09 again, remove the tagfile on the digitizer for that image and reset the digitizer

6 Configuration of available Film Sizes

To deactivate a certain film size in VIPS 1.1.05 it has to be removed in the cpf-file as well as in the printer definition file for the affected printer destination.

7 Demo License

The Demo License can only be switched on by means of the System Monitoring (license password required). It does not work by means of the Maintenance Menu.

Recommendation

We do not recommend to upgrade in the field from VIPS 1.0.09 to VIPS 1.1.05 unless the customer wants to connect

- **a Non AGFA DICOM printer or he wants to use**
- **the Smart Print option**

Apart from that VIPS 1.1.05 does not bring any improvements compared with VIPS 1.0.09.